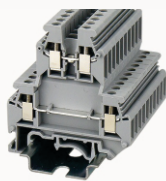


## Overview

### Product information



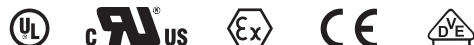
## PCKK2.5-11010000123

Screw type Din-Rail TB, Rated voltage : 500 V, Rated current: 24 A, connector method: Screw/plug-in connector, Number of connectors: 4, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 24 - 12, Width: 5.2 mm, Height: 60.7mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Product advantages

- Screw connection technology, reliable connection
- Equipped with fixed parts and bridge parts, circuit connection test is more flexible
- Copper alloy material, good corrosion resistance
- Double-layer structure saves wiring space
- Complete product line to meet the needs of different customers
- Can be matched with marker strips to avoid incorrect insertion of wires

### Product certification



## Technical data

### Wiring data

Strip length	8~9mm
Conductor cross section solid	0.2~2.5mm <sup>2</sup>
Conductor cross section flexible	0.2~2.5mm <sup>2</sup>
Conductor cross section flexible AWG	24~12
Conductor cross section solid AWG	24~12
screw thread	M3
Tightening torque	0.5N.m

## Environmental conditions

Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Ambient temperature (storage / transport)	-5 °C ~ 70 °C
Ambient temperature (assembly)	-5 °C ~ 70 °C
Ambient temperature (execution)	-5 °C ~ 70 °C
Relative humidity (storage/transport)	25%~75%

## UL Electrical parameters

standard test	UL1059
Rated voltage (Use Group B)	300V
Rated current (Use Group B)	20A
Rated voltage (Use Group D)	300V
Rated current (Use Group D)	10A

## IEC Electrical parameters

standard test	IEC60947-7-1
Pollution level	3
Overvoltage level	III
Insulating material group	I
Rated voltage (III / 3)	500V
Rated current (III / 3)	24A
Rated surge voltage	6KV

## Safety test

Anti-finger touch	IP20
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## Mechanical performance test

Mechanical performance test	Passed the test
Bending test rotation speed	10rpm

Bending test	135
Bend test lead cross section/weight	0.2mm <sup>2</sup> /0.2kg
	2.5mm <sup>2</sup> /0.7kg
Tensile test results	Passed the test
Conductor cross-section tensile test/set point traction	0.2mm <sup>2</sup> /10N
	2.5mm <sup>2</sup> /50N

#### Environmental protection

REACH SVHC	Lead 7439-92-1
RoHS	No excessive harmful substances

#### Electrical performance test

Requirement, voltage drop	≤3.2mV
Voltage drop test results	Passed the test
Temperature rise test result	Passed the test

#### Dimension

NS 35/7,5 Height	61.95mm
End plate width	2.5mm
NS 35/15 Height	69.45mm
length	56mm
width	5.2mm
Height	60.7mm

#### Overview

Connection method	screw connection
Number of positions	1
Number of rows	2
number of connections	4

electric potentials	1
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Application field	Railway industry, mechanical engineering, factory engineering, process industry, etc.
color	Gray

## Accessories

### Marking & Installation

Marking strip	ZB5
Marker cards	DBE-1

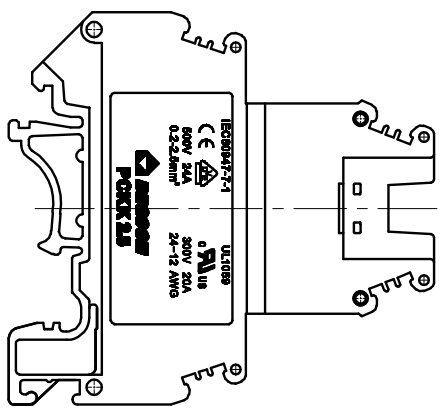
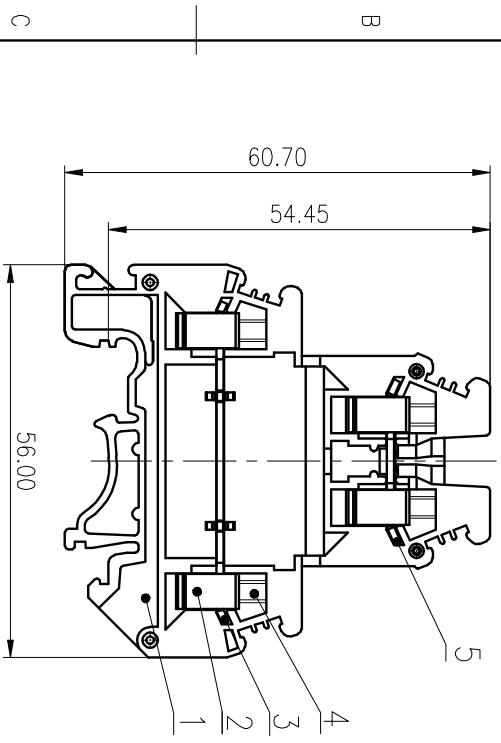
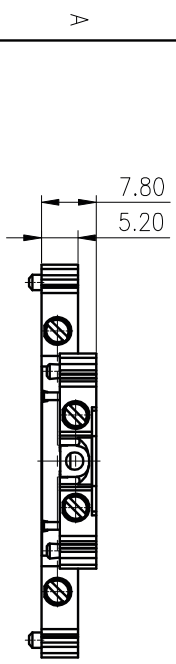
### Accessories

End cover	D-PCKK2.5
Compensation plate	DP-PCKK2.5
Grouping Partition plate	TS-KK3
Bridge	FBRIXX-5
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

## Business data

Order number	11010000123
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	14

General tolerances(mm)										∅				
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500	0.1/10
3	~	~	~	~	~	~	~	~	~	~	~	~	~	±Z
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50	±Z



ITEM	NAME OF PART	MATERIAL	NOTES
5	Short carrier fluid	Copper	Sn Plated
4	Screw	Copper alloy	Ni Plated
3	Long carrier fluid	Copper	Sn Plated
2	Cage	Copper alloy	Ni Plated
1	Housing	PA66	UL94V-0

REV	ECON	DESCRIPTION	DRAFT	DATE
1				
2				
3				
4				

MATERIAL:		SURFACE:	
MAT NO.:	/		
STATUS:	/		
APPD: LI GL	2020.04.03	NAME: <b>DEGSON GERMANY GmbH</b>	
CHKD: Mao J	2020.04.03	DRAWING NO.: PCKK2.5-01P-1Y-00A(H)	
DFT: Ding	2017.4.17	TYPE: CUSTOMER DRAWING	SCALE: 1:1
		SHEET	1/1

UL Standard:	B	C	D
Rated Voltage(V)/Current(A)	300/20	/	300/10
IEC Standard:			
Overvoltage Category	III/3	/	/
Pollution Degree		/	/
Rated Voltage(V)/Current(A)	500/24	/	/
Rate Impulse Voltage(KV)	6.0	/	/
Torque Tightening(N·m/Lb·in)	M3, 0.5/4.5		
Wire Range(rigid and flexible)(mm <sup>2</sup> /AWG)	0.2~2.5/24~12		
Pitch(mm)	5.2		
Stripping length(mm)	8-9		
Operating Temperature(°C)	-40~+105		
Conform to RoHS	Yes		
Standard color number:	/		
PANTONE / RAL	/		